

INTRODUCTION TO INFORMATION WARFARE

IW 100

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DESCRIPTION: This lesson examines the change in society as we move into the information age, it briefly explains the information infrastructure, and then defines the basic concepts of information warfare.

METHODOLOGY: Informal Lecture/1 Hour

OBJECTIVE: The objective of this lesson is for each student to comprehend the concepts of Information Warfare and the environment in which it exists.

SAMPLES OF BEHAVIOR:

1. Describe how society has changed as we move from the industrial age to the information age.
2. Explain the AFDD 2-5 definition of information warfare.
3. Identify the major Information Operations/Information Warfare organizations within the DoD.

REQUIRED READINGS:

1. *Air Force Basic Doctrine 1. Pages 31-32 (Information Superiority), & Pages 36-44 (Future Warfare), Instructional Circular pages 100-H-1 through 100-H-10.*

DEFINING THE ENVIRONMENT

IW 100

NOTETAKER

The Information Age:

Societal Change

The Technical Revolution

The Changing Nature of Warfare

Information Superiority (IS): That degree of dominance in the information domain which allows friendly forces the ability to collect, control, exploit, and defend information without effective opposition.

What Is Information Warfare?

Information Operations (IO): Those actions taken to gain, exploit, defend, or attack information and information systems. This includes both information-in-warfare (IinW) and information warfare (IW).

Information Warfare (IW): Information operations conducted to defend one's own information and information systems, or attacking and affecting an adversary's information and information systems.

Information in War (IinW): Information-in-war involves the AF's extensive capabilities to provide global awareness throughout the range of military operations based on integrated intelligence, surveillance, and reconnaissance (ISR) assets; information collection/dissemination activities; and global navigation and positioning; weather; and communications capabilities.

IW Organizations and Structure:

- **Navy**
- **Army**
- **Air Force**
- **Joint**

Excerpts from AFDD 1

